

# Automate a Web Application – TestNG

## Source code:

### Logintest.java:

```
package com.test;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import org.testng.annotations.AfterMethod;
import org.testng.annotations.BeforeMethod;
import org.testng.annotations.Test;

public class logintest {

    WebDriver driver;
    @Test

    public void facebook() {

        driver.get("https://www.facebook.com/");
        driver.findElement(By.id("email")).sendKeys("lokes@gmail.com");
        driver.findElement(By.id("pass")).sendKeys("lokes@123");
        driver.findElement(By.name("login")).submit();

    }
    @BeforeMethod
    public void beforeMethod() {

        System.setProperty("webdriver.chrome.driver",
"D:\\Users\\Downloads\\chromedriver_win32\\chromedriver.exe");
        driver= new ChromeDriver();
    }
    @AfterMethod
    public void afterMethod() {
        //driver.close();
        driver=null;
    }

}
```

### Registertest.java:

```
package com.test;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import org.testng.annotations.AfterTest;
import org.testng.annotations.Test;
```

```

public class registertest {
    String
    driverPath="D:\\Users\\Downloads\\chromedriver_win32\\chromedriver.exe";
    public WebDriver driver;

    @Test

    public void f() {
        System.setProperty(
            "webdriver.chrome.driver",
            "D:\\Users\\Downloads\\chromedriver_win32\\chromedriver.exe");
        WebDriver driver = new ChromeDriver();

        driver.get("https://www.facebook.com/campaign/landing.php?campaign_id=14884913640&
        extra_1=s%7Cc%7C550525804944%7Cb%7Cfacebook%20%27%7C&placement=&creative=550525804
        944&keyword=facebook%20%27&partner_id=googlesem&extra_2=campaignid%3D14884913640%2
        6adgroupid%3D128696220912%26matchtype%3Db%26network%3Dg%26source%3Dnotmobile%26sea
        rch_or_content%3Ds%26device%3Dc%26devicemodel%3D%26adposition%3D%26target%3D%26tar
        getid%3Dkwd-
        327195741349%26loc_physical_ms%3D1007765%26loc_interest_ms%3D%26feeditemid%3D%26pa
        ram1%3D%26param2%3D&gclid=EAIaIQobChMIgKXQyLa3-
        gIVRSUrCh0rwQpyEAAYASAAEgI41vD_BwE");

        driver.manage().window().maximize();

        driver.findElement(By.name("firstname"))
            .sendKeys("lokes");

        driver.findElement(By.name("lastname"))
            .sendKeys("pallikonda");

        driver.findElement(By.name("reg_email__"))
            .sendKeys("lokes@gmail.com");

        driver.findElement(By.name("reg_email_confirmation__"))
            .sendKeys("lokes@gmail.com");

        driver.findElement(By.id("password_step_input"))
            .sendKeys("lokes@123");

        driver.findElement(By.id("day"))
            .sendKeys("25");

        driver.findElement(By.id("month"))
            .sendKeys("apr");

        driver.findElement(By.id("year"))
            .sendKeys("2001");

        driver.findElement(By.className("_8esa"))
            .click();

        driver.findElement(By.name("websubmit"))
            .click();
    }
}

```

```

    @AfterTest
    public void afterTest() {
        System.out.println("After test is running");
    }
}

```

#### Testng.xml:

```

<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE suite SYSTEM "https://testng.org/testng-1.0.dtd">
<suite name="Suite">
    <test name="Test" thread-count="5" parallel="classes">
        <classes>
<class name="com.test.loginTest"/>

<class name="com.test.Registertest"/>
</classes>

    </test> <!-- Test -->
</suite> <!-- Suite -->

```

#### Pom.xml:

```

<project xmlns="http://maven.apache.org/POM/4.0.0"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://maven.apache.org/POM/4.0.0
https://maven.apache.org/xsd/maven-4.0.0.xsd">
    <modelVersion>4.0.0</modelVersion>
    <groupId>coms</groupId>
    <artifactId>Webapp1</artifactId>
    <version>0.0.1-SNAPSHOT</version>
    <name>Webapp1</name>
    <url>http://maven.apache.org</url>

    <properties>
        <project.build.sourceEncoding>UTF-8</project.build.sourceEncoding>
    </properties>

    <dependencies>
<dependency>
<groupId>org.seleniumhq.selenium</groupId>
<artifactId>selenium-java</artifactId>
<version>3.141.59</version>
</dependency>
<!-- https://mvnrepository.com/artifact/io.github.bonigarcia/webdrivermanager --
>
<dependency>
    <groupId>io.github.bonigarcia</groupId>
    <artifactId>webdrivermanager</artifactId>
    <version>3.4.0</version>
</dependency>
<dependency>
    <groupId>junit</groupId>
    <artifactId>junit</artifactId>
    <version>3.8.1</version>
    <scope>test</scope>
</dependency>

```

```

        <!-- https://mvnrepository.com/artifact/org.testng/testng -->
<dependency>
    <groupId>org.testng</groupId>
    <artifactId>testng</artifactId>
    <version>7.1.0</version>
    <scope>test</scope>
</dependency>

<dependency>
    <groupId>org.uncommons</groupId>
    <artifactId>reportng</artifactId>
    <version>1.1.4</version>
    <scope>test</scope>
</dependency>

<!--Velocity-dep 1.4-->
<dependency>
    <groupId>velocity</groupId>
    <artifactId>velocity-dep</artifactId>
    <version>1.4</version>
</dependency>
<!--Guice 3.0-->
<dependency>
    <groupId>com.google.inject</groupId>
    <artifactId>guice</artifactId>
    <version>3.0</version>
</dependency>

</dependencies>
</project>

```